

**D288 Don Reynolds**

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- Creator:** Don Kevin Reynolds 1927-2014
- Historical Note:** Don Reynolds was an industrial archaeologist who had a long association with the Port Kembla Steelworks. He was a long-time member of the Illawarra Historical Society, an active contributor to the National Trust, one of the first members of the Illawarra-Shoalhaven Branch of the Trust and convener of its Industrial Heritage sub-committee. His obituary was published in the Illawarra Historical Society Bulletin in September 2014. The collection comprises research materials and photographs, used in his research for his publications, including *A History of the Land for the Port Kembla Steelworks*, *The Railways of West Dapto* and *Swept Under the Carpet - Cement Works at Port Kembla*.
- Record Summary:** Research records - information files, correspondence, news clippings, photographs, technical drawings, books and a video recording
- Date Range:** 1907-2009
- Quantity:** 0.9 m (5 boxes)
- Access Conditions:** Available for reference. Contact Archivist in advance to arrange access.
- Inventory:** 1 October 2015

**D288 Don Reynolds**

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Item List

## 1. AIS Photographic Records

[4 folders comprising]

- 53 photographs individually numbered 1-51, largely of original Flat Products Development circa 1949-1958. Some photographs stamped 'Arthur Cratchley Commercial Photographer' on reverse [Original list incorrectly numbered. 2 photos numbered 21 and 2 numbered 22]
- Newspaper and newsletter clippings on construction of the steelworks
- Correspondence including appreciation letters for site visits and loans of magazines and photographs addressed to Gordon Hassen.
- Commemorative ephemera on closure of Slab Mill in 1988.

## 2. Port Kembla Steelworks

[4 folders comprising]

- 129 photographs. Includes photographs of steelworks plant under construction and surrounds and cricket match onsite. Circa 1927-1934. [Photos could possibly be from BHP Flat Products Engineering Records photographic collection.]
- Cross section plan of mill housings 36" Mill. [Photocopy]

## 3. AIS Engineering Records Photographic Library Early Prints Collection EP1-EP269

[3 folders comprising]

- Photocopies of images chronologically numbered EP1-EP269. Contains photocopies of some the original photos listed in Port Kembla Steelworks folder. Circa 1927-1929.
- EP means Early Prints of the BHP Flat Products Engineering Records photographic collection.

## 4. AIS Engineering Records Photographic Library Glass Prints Collection GP1 to GP427 [1 folder]

[3 folders comprising]

- Photocopies of images from glass prints collection of Engineering Records Photographic Library GP1 to GP427. Images of steelworks under construction and machinery numbered. Majority up to 1938.

## 5. Hoskins Iron &amp; Steel 1934 – 1937

1. Notes, personal recollections and miscellaneous materials on the history of Hoskins Iron & Steel 1934 – 1937 including: 5 photocopies of images of the countryside surrounding the station and 2 photographs of the "Old Farm" 1936
2. AIS Schedule of salaries for individual workers 1907- 1938.

**D288 Don Reynolds**

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3. Extract from the book *Cleveland Iron and Steel*, 1979 (United Kingdom)  
Poem 'Back in the early days' by John B Abbott.
  4. Manuscript "George John Hoskins(1847- 1926) and G & C Hoskins Ltd." By D J Hoskins in 1988 [45pp]
  5. - 'Steel- and a dry piece of wood' by JG Rue. Recollections covering the period 1928- 1935. [48pp]
    - Photograph of the staff of G & C Hoskins Lithgow Ironworks, 1909 [Includes individual names]
6. Port Kembla Blast Furnace Data (Data on Equipment) 1920s
1. 'Port Kembla Blast Furnace Data' [photocopy]
  2. 'AIS Port Kembla Combustion of Wongawilli Refuse in Stoker, 1931 [photocopy]
7. Engineering- Boilers
1. Report - 'Details of reciprocating steam engine driven generators, blowers and air compressors installed at the Lithgow and Wongawilli works of Hoskins Iron and Steel co ltd' by D K Reynolds, October 1987 [manuscript] [142pp]
  2. Notes on 'AIS Port Kembla Plant Sections, 1933 [5pp]
8. AIS Services Power Dept circa 1959
- [2 folders comprising]
- Plant Register Index- equipment and performance specifications [196pp]
9. I M McLennan
1. Australian Iron & Steel Limited- Prospectus of Issue of 1,000,000 7½ per cent, Cumulative Preference Shares of £1 each. 1928 [31pp]
- [1 folder comprising]
2. - "McLennan, Ian Sir 1962, *The steel industry in Australia*, s. n, Cooma" [Reprinted from the journal of the Institution of Engineers, Australia, vol. 34, no. 6, June, 1962, pp. 115- 124]
    - Excerpt from the book "McLennan, Ian Sir 1973, *The history of the Australian steel industry*, University of Queensland Press, Queensland" [28pp]
    - "A big enterprise: Steelworks for Port Kembla" from the Illawarra Mercury Friday April 22<sup>nd</sup>, 1921. [photocopy, 5pp]
    - Letter to Cecil Hoskins from Essington Lewis [BHP, 15<sup>th</sup> ]
10. Hoskins Steel Blowers and Air Compressors
- Contains Lithgow material but also broader material on early Illawarra steel.
1. - Interesting Comments re Lithgow's Thompson Blowing Engine- summary notes [3pp]

## D288 Don Reynolds

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- Information from the manufacturer of the Thompson Compound Blowing Engine that was installed in 1923 and moved to Port Kembla in 1928. Includes 2 cross-section drawings of Thompson Compound Blowing Engine.
  - Excerpt from the book "Modern Power Engineering" by A. Regnauld Volume 3, Caxton Publishing Company, Limited, London, 1924 [pp 68-72]
  - Articles from May/June 2009 Illawarra Historical Society Bulletin.
  - Beale, Edgar and Herben, John, "Illawarra's early steel industry", Illawarra Historical Society Bulletin, May 2009, 20-28. [10pp]
2. - Manuscript from Steel Industries Technical Society Meeting "The Early History of the Port Kembla Steelworks" written by DK Reynolds, Port Kembla, 21<sup>st</sup> May, 1990 [Basis of talk given to the Steel Industries Technical Society, Tuesday 12<sup>th</sup> June, 1990 .]
- Unknown Unit diagram of works Port Kembla.
  - Assorted correspondence concerning blooming mill.
  - References to personnel [biographical]

### 11. BHP Officers [Front label "Letters from Sid Hoskins in USA in 1926"]

1. - Various correspondence between Cecil and Sid Hoskins, 1926 [21pp]
  - "Memories of an AIS Interworks Mail Boy" 1940s by Neville Brown [3pp]
  - "Ash Tray donated by Barbara Mill" Notes on an ash tray manufactured from the first coil rolled on the hot strip mill, 1955. [2pp]
  - Manuscript "Notes re Don Reynolds' BHP Experience" [15pp]
  - Typescript "Steel- Its Early Days in Australia" by Emery Balint [From talk to a joint meeting of the Engineering Heritage Committee and Civil Engineering Panel, The Institution of Engineers, Australia, 22<sup>nd</sup> September, 1987]
2. - Miscellaneous documents regarding AA Price
  - Cut outs from newspapers and newsletters from various sources concerning BHP Officers [circa 1940- 1980]
  - Photo and names of AIS Electrical Staff, 1954.
  - Photocopy of image and names of No 1 Blast Furnace 1965- 1967.
  - 1 photograph and 2 photocopies of images of staff. [Unknown date and people]
  - (Compilation of materials and personal recollections of individuals/senior personnel at AIS through to 80s.)

### 12. Correspondence...the Origins of the Bloom Mill and 36" Mill, AIS

1. Booklet "Bloom and 36" Mills: Correspondence between the UK and Australia concerning the origins of the Bloom Mill and the 36" Mill", AIS Port Kembla, February 1992 to September 1992. [75pp]
2. - "The Steel Industry in Australia" by WE Fraser in RTB Quarterly, September 1952 [photocopy, 7pp]
  - "BSC's Port Talbot Works" by David Brinn [photocopy, reprinted from 'Steel Times' July, 1976, ]
  - 1992 Facsimiles, letters, publications. 2 copies?

### 13. History of Open Hearth Steelmaking [note: original folder incorrectly titled "Tom Thumb Lagoon"]

## D288 Don Reynolds

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1. - Notes concerning Open Hearth steelmaking at Port Kembla.
  - 2 pages from the Kembla News, November 1981 about 50 years of AIS at Port Kembla.
  - Miscellaneous notes on the history of Open Hearth Steelmaking in Australia.
  - photographs of Port Kembla [undated. Possibly circa 1930s]
2. - Miscellaneous notes and photocopies of images [Sources unknown]
  - Complete list of equipment , performance etc

### 14. History of Port Kembla Steelworks

1. - “Ten Years Development in Steam Engineering at the Port Kembla Steel Works, NSW, - Australia” by H Escher in 1939. [published conference paper, 443-477pp]
  - Transcript of letters written by Charles H Hoskins during an overseas trip in 1925. [34pp]
  - Correspondence regarding William Sandford Papers
2. Article “The Age of Steel: Master of modern industries, what we owe to Bessemer and Kelly” [Reprinted from the Lithgow Mercury, 3<sup>rd</sup> May, 1907. 17pp]

### 15. Kembla Rolling Mills

1. - Correspondence concerning Galloway Rolling Mill Engine  
Notes “History of the Galloway Engine at the Port Kembla Steelworks” by Don Reynolds, 3<sup>rd</sup> April 2005 [11pp]
  - AIS work under construction Open Heath Plant and Rolling Mill Plant [1pp]
2. - Manuscript “The Kembla Rolling Mills” by John Devitt. [Undated, 40 pp]  
Manuscript “The early history of the rolling mills of Australian Iron and Steel Ltd, Port Kembla” [Date and author unknown, 12 pp]
  - Ground plan drawing of Hoskins Ltd Iron and Steel Works, Lithgow. [Circa 15<sup>th</sup> January, 1925]
3. - Manuscript “Notes re the Baldwins rolling mills provided for the new AIS steelworks in 1928/29, their first installation and their early years of operation- Draft Copy Only” by Don Reynolds, December, 1999 [32pp]
  - Group photograph of 21 males. Some identified. [Circa 1920s, on cardboard backing]

### 16. Chief Services Engineers

1. - 14 photographs
  - Miscellaneous
2. Manuscript “Chief Services Engineers Department” by BHP Steel International Group Slab and Plate Products Division, September 1986 [53 pp]
3. - Conference paper “Power Generation and Energy Management in an Australian Steelworks” by DK Reynolds. [Electric Energy Conference Newcastle, 15-17 October 1985, 5pp]
  - Manuscript “New 800-ton blast furnace and plant of AIS at Port Kembla” [14pp]
  - Miscellaneous

**D288 Don Reynolds**

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## 17. Hoskins letters

1. List of references to the Australian Iron and Steel Industries [Don Reynolds, 25<sup>th</sup> April 2005]
2. Correspondence between Sid and Cecil Hoskins during Sid Hoskins' trip to US re steel devel., [circa 1925-1926]

## 18. DK Reynolds Report of Overseas Visit 1981 [1 folder]

1. Report "Report of overseas visit of DK Reynolds, Chief Services Engineer Development Port Kembla: March/April 1981" [209pp]
2. Photocopies of front page of Kembla News [3pp]

## 19. Miscellaneous

1. Lists assorted (abcd)
  - B & M Engine List (Steam Engines)
  - BBC Turbine List
  - Parsons Turbine List
  - Linde? Refridge Comp.[Missing]
2. A drawing of a Marshall Portable Steam Engine. No 48112
3. Notebook regarding production. Features the initials PRD on cover. [Belonged to P R Dyball, Works Secretary at AIS]
4. A small booklet on the "System of Staff Training" published by The Broken Hill Proprietary Co Limited, 1929 [71pp]
5. 2 VCR tapes labelled "The Big Blow- Galloway Engine, 1-520: 521-1153"
6. Capital Plant Authorisations (approval forms), Australian Iron & Steel, 1935 [1 manila folder, 79pp]
7. "Atlas Copco Air Compendium" published by Atlas Copco AB, Stockholm, Sweden, 1975.
8. "Boilers attendants training manual: Energy recover unit" published by BHP Minerals TEMCO, April 1986.
9. Booklet "Steam power plant planning guide: 10,000 to 60,000KW" by Westinghouse Electrical Corporation, Philadelphia. [38 pp]